

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S74	1	10/762538	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16

## EAST Search History

S75	96	(US-20040141454-\$ or US-20040165494-\$ or US-20040168074-\$ or US-20040246854-\$ or US-20040246867-\$ or US-20040252603-\$ or US-20060164944-\$ or US-20030048735-\$ or US-20030161248-\$ or US-20060171287-\$).did. or (US-5296995-\$ or US-5680381-\$ or US-5729523-\$ or US-5903533-\$ or US-5835478-\$ or US-5835461-\$ or US-5878024-\$ or US-5886985-\$ or US-5309424-\$ or US-5715232-\$ or US-6144625-\$ or US-5469416-\$ or US-5587901-\$ or US-5949746-\$ or US-6067281-\$ or US-6192018-\$ or US-6301208-\$ or US-6407978-\$ or US-6898171-\$ or US-6950386-\$ or US-6189014-\$ or US-5218599-\$ or US-5696758-\$ or US-5995457-\$ or US-4931336-\$ or US-5321673-\$).did. or (US-5392271-\$ or US-5455815-\$ or US-5517486-\$ or US-5708650-\$ or US-5752009-\$ or US-5805548-\$ or US-5812519-\$ or US-5871855-\$ or US-6103407-\$ or US-4892692-\$ or US-5258976-\$ or US-5268883-\$ or US-5316814-\$ or US-5326679-\$ or US-5328741-\$ or US-5391413-\$ or US-5418768-\$ or US-5418852-\$ or US-5467327-\$ or US-5469415-\$ or US-5473480-\$ or US-5494778-\$ or US-5497367-\$ or US-5506398-\$ or US-5568467-\$ or US-5608717-\$ or US-5608701-\$).did. or (US-5617408-\$ or US-5673152-\$ or US-5715222-\$ or US-5737306-\$ or US-5740153-\$ or US-5751671-\$ or US-5781526-\$ or US-5802174-\$ or US-5802027-\$ or US-5809545-\$ or US-5808987-\$ or US-5808974-\$ or US-5815333-\$ or US-5841861-\$ or US-5875156-\$ or US-5907525-\$ or US-5926446-\$ or US-5930217-\$ or US-5949751-\$ or US-5982886-\$ or US-6083667-\$ or US-6122245-\$ or US-6128272-\$ or US-6188657-\$ or US-6215758-\$ or US-6223247-\$ or US-6301210-\$).did. or (US-6438078-\$ or US-6438098-\$ or US-6671249-\$ or US-6772429-\$ or US-6813237-\$ or US-6850469-\$ or US-6906993-\$ or US-6930977-\$).did.	US-PGPUB; USPAT	OR	ON	2007/12/23 22:16
12/26/2007 10:49:37 AM C:\Documents and Settings\pcoleman1\My Documents\EAST\Workspaces\10762538.wsp						Page 2

## EAST Search History

S76	96	(US-20040141454-\$ or US-20040165494-\$ or US-20040168074-\$ or US-20040246854-\$ or US-20040246867-\$ or US-20040252603-\$ or US-20060164944-\$ or US-20030048735-\$ or US-20030161248-\$ or US-20060171287-\$).did. or (US-5296995-\$ or US-5680381-\$ or US-5729523-\$ or US-5903533-\$ or US-5835478-\$ or US-5835461-\$ or US-5878024-\$ or US-5886985-\$ or US-5309424-\$ or US-5715232-\$ or US-6144625-\$ or US-5469416-\$ or US-5587901-\$ or US-5949746-\$ or US-6067281-\$ or US-6192018-\$ or US-6301208-\$ or US-6407978-\$ or US-6898171-\$ or US-6950386-\$ or US-6189014-\$ or US-5218599-\$ or US-5696758-\$ or US-5995457-\$ or US-4931336-\$ or US-5321673-\$).did. or (US-5392271-\$ or US-5455815-\$ or US-5517486-\$ or US-5708650-\$ or US-5752009-\$ or US-5805548-\$ or US-5812519-\$ or US-5871855-\$ or US-6103407-\$ or US-4892692-\$ or US-5258976-\$ or US-5268883-\$ or US-5316814-\$ or US-5326679-\$ or US-5328741-\$ or US-5391413-\$ or US-5418768-\$ or US-5418852-\$ or US-5467327-\$ or US-5469415-\$ or US-5473480-\$ or US-5494778-\$ or US-5497367-\$ or US-5506398-\$ or US-5568467-\$ or US-5608717-\$ or US-5608701-\$).did. or (US-5617408-\$ or US-5673152-\$ or US-5715222-\$ or US-5737306-\$ or US-5740153-\$ or US-5751671-\$ or US-5781526-\$ or US-5802174-\$ or US-5802027-\$ or US-5809545-\$ or US-5808987-\$ or US-5808974-\$ or US-5815333-\$ or US-5841861-\$ or US-5875156-\$ or US-5907525-\$ or US-5926446-\$ or US-5930217-\$ or US-5949751-\$ or US-5982886-\$ or US-6083667-\$ or US-6122245-\$ or US-6128272-\$ or US-6188657-\$ or US-6215758-\$ or US-6223247-\$ or US-6301210-\$).did. or (US-6438078-\$ or US-6438098-\$ or US-6671249-\$ or US-6772429-\$ or US-6813237-\$ or US-6850469-\$ or US-6906993-\$ or US-6930977-\$).did.	US-PGPUB; USPAT	OR	ON	2007/12/23 22:16
12/26/2007 10:49:37 AM		C:\Documents and Settings\BColeman1\My Documents\EAST\Workspaces\10762538.wsp				Page 3

## EAST Search History

S77	3	S76 and (pit near3 (left or right)) with (groove or track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
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## EAST Search History

S78	96	(US-20040141454-\$ or US-20040165494-\$ or US-20040168074-\$ or US-20040246854-\$ or US-20040246867-\$ or US-20040252603-\$ or US-20060164944-\$ or US-20030048735-\$ or US-20030161248-\$ or US-20060171287-\$).did. or (US-5296995-\$ or US-5680381-\$ or US-5729523-\$ or US-5903533-\$ or US-5835478-\$ or US-5835461-\$ or US-5878024-\$ or US-5886985-\$ or US-5309424-\$ or US-5715232-\$ or US-6144625-\$ or US-5469416-\$ or US-5587901-\$ or US-5949746-\$ or US-6067281-\$ or US-6192018-\$ or US-6301208-\$ or US-6407978-\$ or US-6898171-\$ or US-6950386-\$ or US-6189014-\$ or US-5218599-\$ or US-5696758-\$ or US-5995457-\$ or US-4931336-\$ or US-5321673-\$).did. or (US-5392271-\$ or US-5455815-\$ or US-5517486-\$ or US-5708650-\$ or US-5752009-\$ or US-5805548-\$ or US-5812519-\$ or US-5871855-\$ or US-6103407-\$ or US-4892692-\$ or US-5258976-\$ or US-5268883-\$ or US-5316814-\$ or US-5326679-\$ or US-5328741-\$ or US-5391413-\$ or US-5418768-\$ or US-5418852-\$ or US-5467327-\$ or US-5469415-\$ or US-5473480-\$ or US-5494778-\$ or US-5497367-\$ or US-5506398-\$ or US-5568467-\$ or US-5608717-\$ or US-5608701-\$).did. or (US-5617408-\$ or US-5673152-\$ or US-5715222-\$ or US-5737306-\$ or US-5740153-\$ or US-5751671-\$ or US-5781526-\$ or US-5802174-\$ or US-5802027-\$ or US-5809545-\$ or US-5808987-\$ or US-5808974-\$ or US-5815333-\$ or US-5841861-\$ or US-5875156-\$ or US-5907525-\$ or US-5926446-\$ or US-5930217-\$ or US-5949751-\$ or US-5982886-\$ or US-6083667-\$ or US-6122245-\$ or US-6128272-\$ or US-6188657-\$ or US-6215758-\$ or US-6223247-\$ or US-6301210-\$).did. or (US-6438078-\$ or US-6438098-\$ or US-6671249-\$ or US-6772429-\$ or US-6813237-\$ or US-6850469-\$ or US-6906993-\$ or US-6930977-\$).did.	US-PGPUB; USPAT	OR	ON	2007/12/23 22:16
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## EAST Search History

S79	3	S78 and (pit near3 (left or right)) with (groove or track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S80	4532	(369/275.1-275.4).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S81	2	S80 and S79	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S82	545	S80 and (pit near3 (straddle or side or outside or inside or adjacent) with (groove or track))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S83	572	S80 and (pit near3 (straddle or side or outside or inside or adjacent or left or right) with (groove or track))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S84	4532	(369/275.1-275.4).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S85	60	S84 and wobbled adj pit	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S86	321	S84 and (pit near3 (straddle or side or outside or inside) with (groove or track))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S87	9963	(alternate intermittent) with (wobbl\$5 near\$3 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S88	2859874	(alternate intermittent) near\$5 (wobbl\$5 near\$3 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S89	3090370	(alternate alternately intermittent) near\$2 (wobbl\$5 near\$3 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S90	231972	S89 not S88	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S91	1363	S90 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S92	13461759	not S87	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S93	25746	S88 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16

## EAST Search History

S94	1321601	(alternate alternately intermittent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S95	2293156	(wobbl\$5 near\$3 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S96	1643	S94 near2 S95	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S97	317	S96 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S98	25399	S93 not S87	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S99	3090370	((alternate alternately intermittent) near\$2 (wobbl\$5 near\$3 pit))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 0	3090370	S94 near\$2 S95	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 1	347	S87 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 2	2293156	(wobbl\$5 near\$3 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 3	1321601	(alternate alternately intermittent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 4	1643	S103 near2 S102	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 5	317	S104 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 6	284	pit near10 (shift\$3 near5 track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 7	2293156	(wobbl\$5 near\$3 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S10 8	1321601	(alternate alternately intermittent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16

## EAST Search History

S10 9	1643	S108 near2 S107	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 0	284	pit near10 (shift\$3 near5 track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 1	317	S109 and "369".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 2	44	S110 and ((copy near2 protect\$3) copyright pira\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 3	6701	((control near2 (data information)) near2 (area region))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 4	98235	(copy near2 protect\$3) copyright pira\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 5	2	S110 same S113	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 6	5	S110 same ((copy near2 protect\$3) copyright pira\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 7	243	pit near10 (deviat\$3 near5 track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 8	284	pit near10 (shift\$3 near5 track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S11 9	24929	((pit near5 straight align\$4) near5 track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 0	48	S118 and S119	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 1	2	10/023062	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 2	98235	(copy near2 protect\$3) copyright pira\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 3	4	S117 same S122	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16



## EAST Search History

S12 4	122	pit near10 (displace\$4 near5 track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 5	0	S124 same S122	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 6	48	S117 and S122	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 7	38	S117 and S119	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 8	17	S124 and S122	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S12 9	22	S124 and S119	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 0	1369	((pit near5 (straight align\$4 along)) near5 track)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 1	86	S117 and S130	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 2	75	S118 and S130	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 3	37	S124 and S130	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 4	2	10/504322	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 5	0	"09081938"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 6	0	09-081938	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 7	9	"081938"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S13 8	3	9-081938	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/12/23 22:16

## EAST Search History

S13 9	2	2000-391580	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S14 0	17	"391580"	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S14 1	3	9-081938	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S14 2	2	((("20030007432") or ("5809006"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/23 22:16
S14 3	6	((("20040041686") or ("6031815") or ("6223285") or ("6289102") or ("5706268") or ("5818805"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/23 22:16
S14 4	3451	(369/47.21,52.1,53.21,59.25,275. 3).cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/23 22:16
S14 5	2	((("20020048241") or ("20030117920"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/23 22:16
S14 6	1	("6973015").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/23 22:16